ENVIRONMENTAL HEALTH & SAFETY TECHNOLOGIES

ASSOCIATE IN APPLIED SCIENCE (73 CREDIT HOURS)

Environmental, Health and Safety Technicians (EHST) protect employees and the public by mitigating hazards in the workplace. EHST professionals apply the principles of math, science, engineering, communications and economics to the protection of people, property and the environment. The EHST program at OSUIT focuses on environmental, health and safety regulations and compliance with state and federal regulations. Graduates of the EHST Program are trained to assist employers in the management of hazardous materials and wastes, protect workers and the environment, and minimize the organization's economic output.

The Environmental, Health and Safety Technologies degree is designed for graduates who wish to obtain an entry-level management position in the areas of training, accident investigations, safety inspections, job hazards (safety) analysis, and regulatory compliance. The EHST program at OSUIT provides graduates with excellent career opportunities and an academic pathway to four-year institutions.

For more detailed information, please contact an Environmental Health & Safety Technologies program advisor at 918-293-5150 or visit osuit.edu/ehs.

PROGRAM REQUIREMENTS: 48 CREDIT HOURS

TECHNICAL COURSE REQUIREMENTS (48 CREDIT HOURS)

EHST	1113	General Industry Regulations & Standards
EHST	1123	Construction Regulations & Standards
EHST	1233	Hazardous Material Handling & Emergency Response
EHST	1243	Environmental Regulations
EHST	1312	Environmental Health & Safety Internship [P] (12 credit hours)
EHST	1453	Emergency Preparedness & Planning
EHST	2143	HAZWOPER & Associated Regulations
EHST	2153	Incident & Accident Investigation
EHST	2203	Root Cause Analysis [P]
EHST	2253	Lean Processes
EHST	2263	Electro-Mechanical Safety
EHST	2273	Principles of Industrial Hygiene
SEIM	1123	AC/DC Circuit Analysis

GENERAL EDUCATION REQUIREMENTS: 24 CREDIT HOURS

AMERICAN HISTORY & GOVERNMENT (6 CREDIT HOURS)

HIST	1483	US History to 1865 *or*
HIST	1493	US History since 1865
POLS	1113	US Government

COMMUNICATIONS (6 CREDIT HOURS)

Select from courses listed below or others as approved by program advisor.

ENGL	1033	Technical Writing I *or*
ENGL	1113	Freshman Composition I
SPCH	1113	Introduction to Speech Communications *or*
SPCH	2313	Small Group Communications

COMPUTER LITERACY (3 CREDIT HOURS)

CS	1013	Computer Literacy & Applications

MATHEMATICS (3 CREDIT HOURS)

Select from courses designated with an "A," including, but not limited to, courses listed below.

MATH	1493	Math for Critical Thinking (A)
MATH	1513	Pre-Calculus (A)

LEADERSHIP & MANAGEMENT ELECTIVE (3 CREDIT HOURS)

Select from course(s) listed below or others as approved by program advisor.

ATLE	1113	Foundations in Technical Leadership

APPROVED GENERAL EDUCATION ELECTIVE (3 CREDIT HOURS)

Select from course(s) listed below or others as approved by program advisor.

PSYC	1113	Introductory Psychology (S)

INTERDEPARTMENTAL REQUIREMENTS: 1 CREDIT HOUR

ORIENTATION (1 CREDIT HOUR)

ORIE	1011	College Strategies

[C],[P]: Course has [C]orequisite and/or [P]rerequisite requirement(s). See Course Description for details.

ENGINEERING & CONSTRUCTION TECHNOLOGIES